

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Xumu ZHANG
Assignee: The Penn State Research Foundation
Application No.: 10/701,081
Filing Date: November 5, 2003
For: ASYMMETRIC REDUCTIVE AMINATION OF KETONES
Examiner: Samuel A. Barts
Group Art Unit: 1626
Confirmation No.: 6299
Customer No.: 27623
Attorney Docket No.: 823.0163USU



**REVOCATION OF PREVIOUS POWERS AND
APPOINTMENT OF NEW POWERS OF ATTORNEY WITH
CERTIFICATE UNDER 37 CFR §3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I, Ronald J. Huss, as Director Intellectual Property Office, of the assignee identified above, hereby revoke all previous Powers of Attorney for this patent application, and hereby appoint the following attorneys to maintain and prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Paul D. Greeley
Charles N.J. Ruggiero

Reg. No. 31,019
Reg. No. 28,468

Please send all future correspondence and direct all telephone calls to the following address and telephone number;

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August 16, 2006
10/701,801



CERTIFICATE UNDER 37 CFR 3.73(b)

The Penn State Research Foundation, a not-for-profit corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 015191, Frame 0904, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet attached hereto.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above. The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under §1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed this 24th day of August, 2006.

By:

NAME: Ronald J. Huss

TITLE: Director Intellectual Property Office